



PSN Unknown

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Thomas A. Figura

Examiner: Yennhu Huynh

Serial No.: 10/004,661

Group Art Unit: 2813

Filed: December 4, 2001

Docket: 303.645US3

Title: METHOD AND STRUCTURE FOR IMPROVED ALIGNMENT TOLERANCE
IN MULTIPLE, SINGULARIZED PLUGS

10/B
7-Step 100
9-27-02

SUPPLEMENTAL PRELIMINARY AMENDMENT

Commissioner for Patents
Washington, D.C. 20231

RECEIVED
SEP 25 2002
TECHNOLOGY CENTER 2800

IN THE CLAIMS

Please add the following new claims:

10/32. (New) An integrated circuit comprising:
a plurality of surface structures, each of the surface structures having a top surface;
an inner plug formed between a pair of surface structures among the plurality of surface structures, and formed under the top surface of each surface structure of the pair of surface structures;
an inner electrical contact formed on the inner plug;
a pair of outer plugs, each outer plug of the pair of outer plugs having an upper portion formed over at least a portion of the top surface of one surface structure of the pair of surface structures; and
a pair of spacers formed between the pair of outer plugs and the inner plug and the inner electrical contact.

11/33. (New) The integrated circuit of claim 32, further comprising an isolation layer formed around the inner electrical contact, the isolation layer being formed from insulating material.

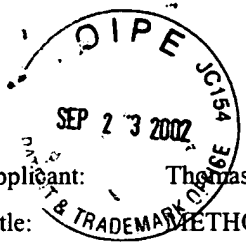
12/34. (New) The integrated circuit of claim 32, wherein the inner plug is formed from conductive material.

09/25/2002 MBERHE 00000074 10004661

01 FC:103
02 FC:102

396.00 OP
252.00 OP

2813



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Thomas A. Figura

Title: METHOD AND STRUCTURE FOR IMPROVED ALIGNMENT TOLERANCE IN MULTIPLE, SINGULARIZED PLUGS

Docket No.: 303.645US3
Filed: December 4, 2001
Examiner: Yennhu Huynh

Serial No.: 10/004,661
Due Date: N/A
Group Art Unit: 2813

Commissioner for Patents
Washington, D.C. 20231

RECEIVED
SEP 25 2002
TECHNOLOGY CENTER 2800

We are transmitting herewith the following attached items (as indicated with an "X"):

- ☒ A return postcard.
- ☒ A Supplemental Preliminary Amendment (5 Pages).
- ☒ A check in the amount of \$648.00 to cover the fee for additional claims as calculated below.

If an additional fee is required due to changes to the claims, the fee has been calculated as follows:

CLAIMS AS AMENDED						
	(1) Claims Remaining After Amendment		(2) Highest Number Previously Paid For	(3) Present Extra	Rate	Fee
TOTAL CLAIMS	51	-	29	22	x 18 =	\$396.00
INDEPENDENT CLAIMS	9	-	6	3	x 84 =	\$252.00
[] MULTIPLE DEPENDENT CLAIMS PRESENTED						\$0.00
TOTAL						\$648.00

Please consider this a PETITION FOR EXTENSION OF TIME for sufficient number of months to enter these papers and please charge any additional required fees or credit overpayment to Deposit Account No. 19-0743.

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.
P.O. Box 2938, Minneapolis, MN 55402 (612-373-6900)

By:
Atty: Viet V. Tong
Reg. No. 45,416

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231, on this 17 day of September, 2002.

Name

Signature

Customer Number 21186
SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A. P.O. Box 2938, Minneapolis, MN 55402 (612-373-6900)
(GENERAL)